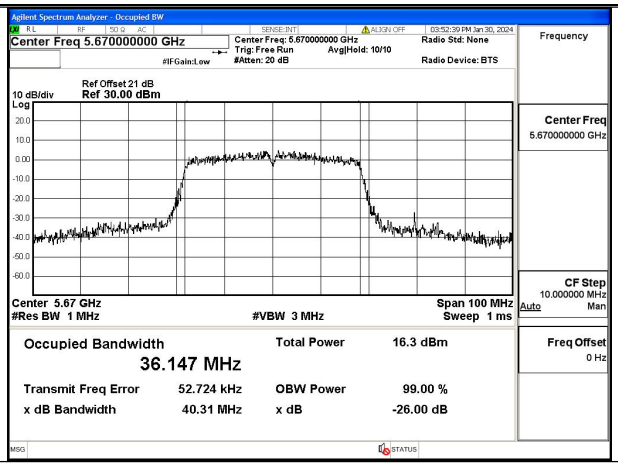
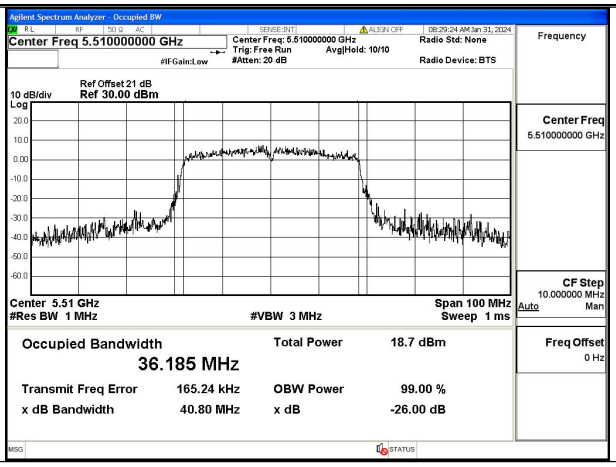
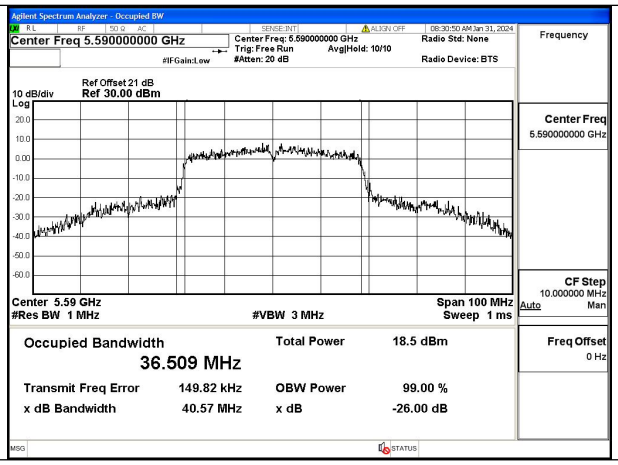


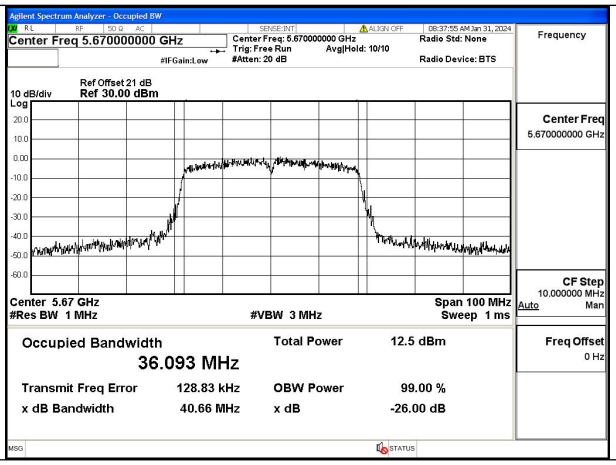
Mode:802.11ac VHT40 Frequency:5670MHz
Ant:Chain0



Mode:802.11ac VHT40 Frequency:5510MHz
Ant:Chain1

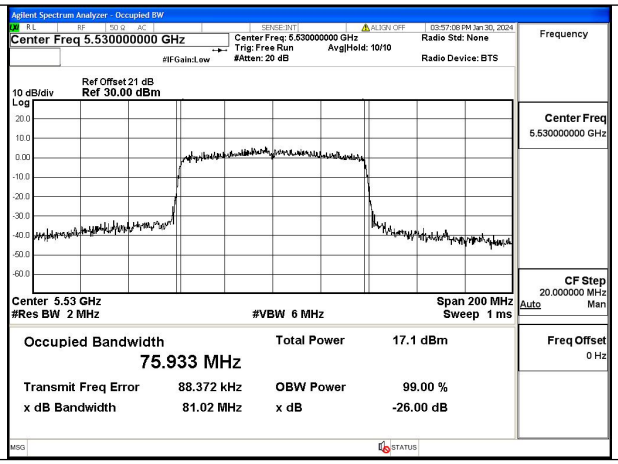


Mode:802.11ac VHT40 Frequency:5590MHz
Ant:Chain1

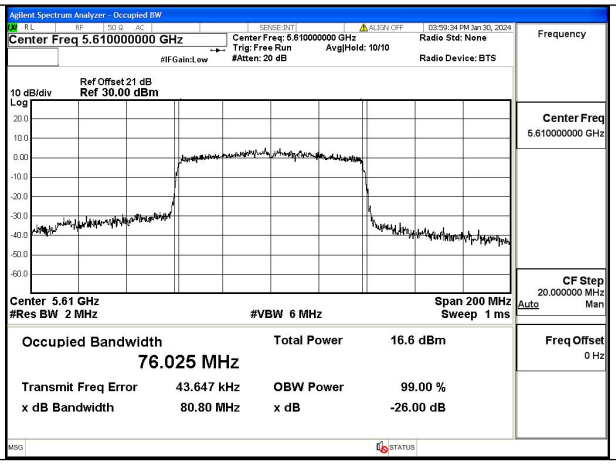


Mode:802.11ac VHT40 Frequency:5670MHz
Ant:Chain1

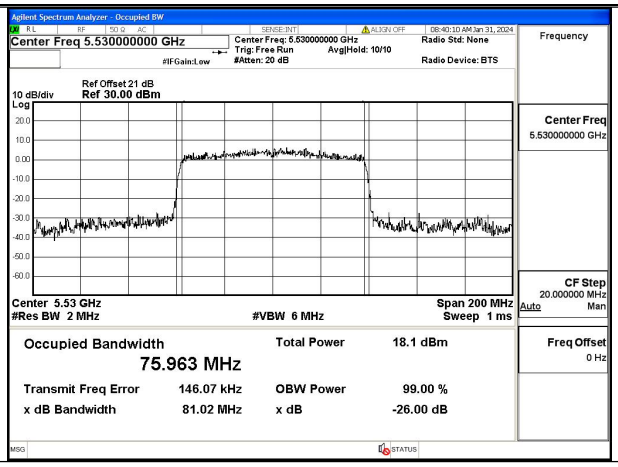
Test Mode: 802.11ac VHT80



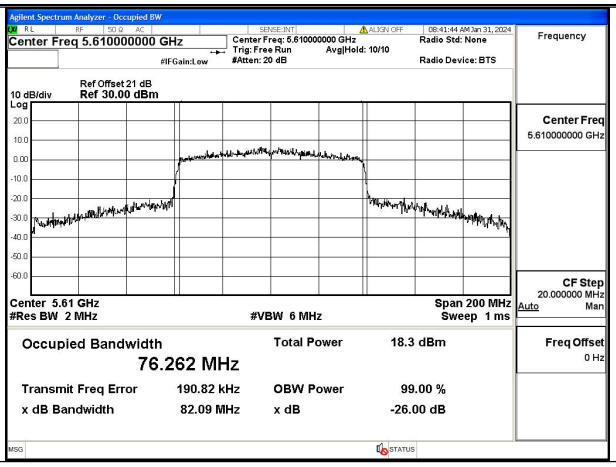
Mode:802.11ac VHT80 Frequency:5530MHz
Ant:Chain0



Mode:802.11ac VHT80 Frequency:5610MHz
Ant:Chain0



Mode:802.11ac VHT80 Frequency:5530MHz
Ant:Chain1



Mode:802.11ac VHT80 Frequency:5610MHz
Ant:Chain1

Occupied Bandwidth

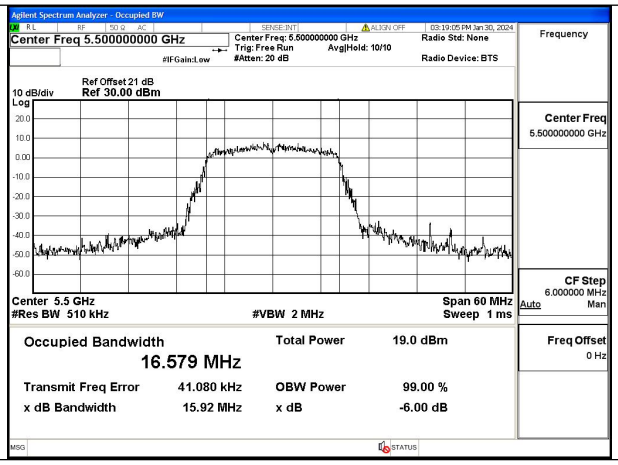
Offset 21dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5500MHz	5580MHz	5700MHz
802.11a	Chain0	16.579	16.568	16.632
802.11a	Chain1	16.562	16.633	16.799
802.11n HT20	Chain0	17.679	17.690	17.685
802.11n HT20	Chain1	17.696	17.713	17.865
802.11ac VHT20	Chain0	17.742	17.710	17.719
802.11ac VHT20	Chain1	17.676	17.849	17.810

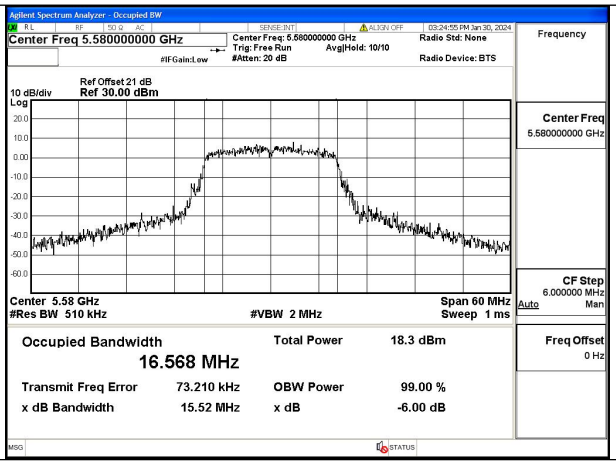
Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5510MHz	5590MHz	5670MHz
802.11n HT40	Chain0	36.067	36.199	36.192
802.11n HT40	Chain1	36.163	36.361	36.476
802.11ac VHT40	Chain0	36.144	36.233	36.192
802.11ac VHT40	Chain1	36.289	36.351	36.127

Test Mode	Antenna	Occupied Bandwidth (MHz)		
		5530MHz	---	5610MHz
802.11ac VHT80	Chain0	76.145	---	76.007
802.11ac VHT80	Chain1	75.948	---	76.286

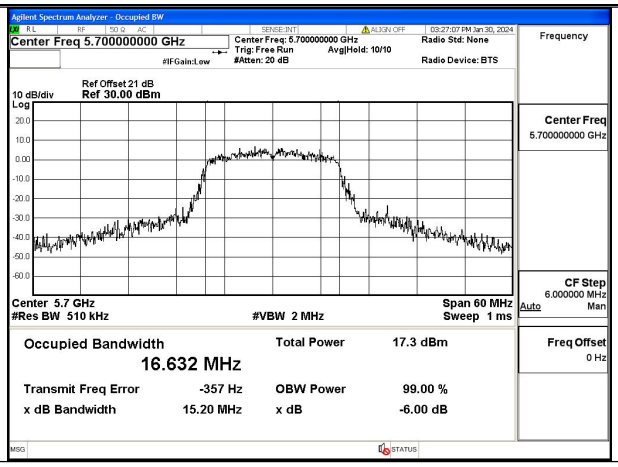
Test Mode: 802.11a



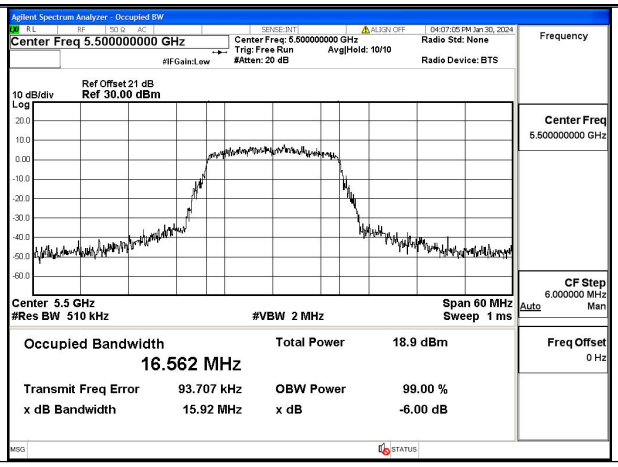
Mode:802.11a Frequency:5500MHz Ant:Chain0



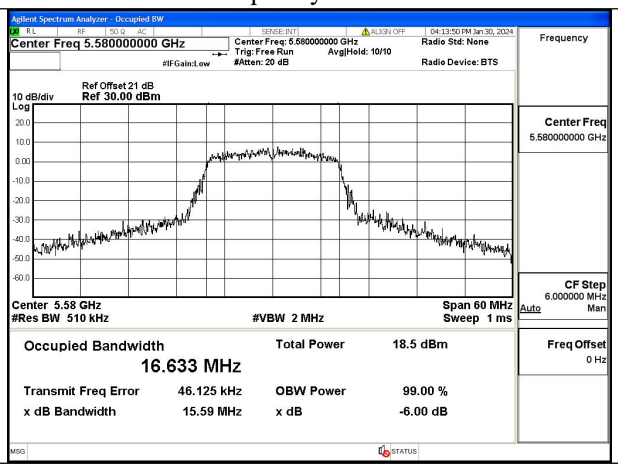
Mode:802.11a Frequency:5580MHz Ant:Chain0



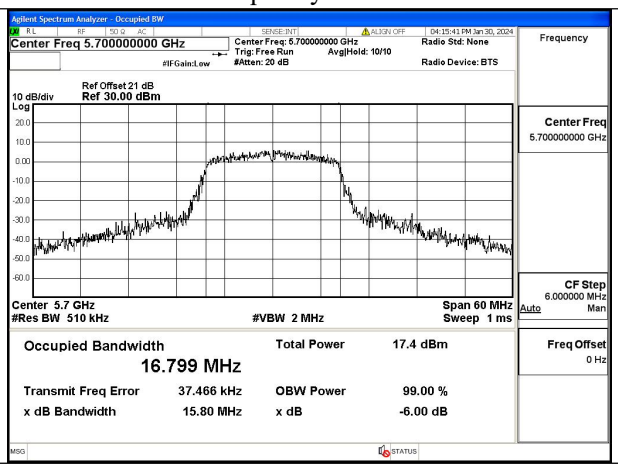
Mode:802.11a Frequency:5700MHz Ant:Chain0



Mode:802.11a Frequency:5500MHz Ant:Chain1

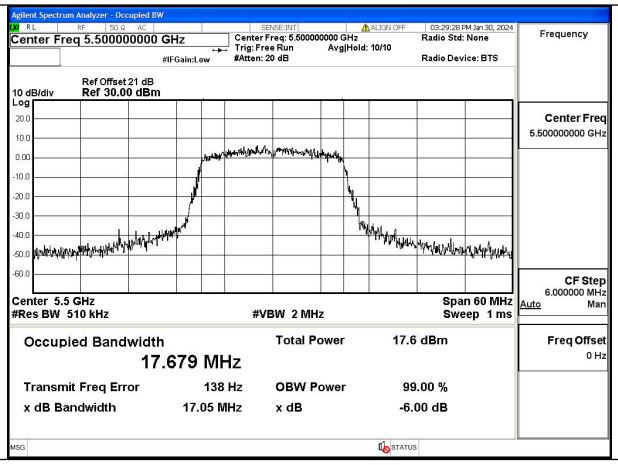


Mode:802.11a Frequency:5580MHz Ant:Chain1

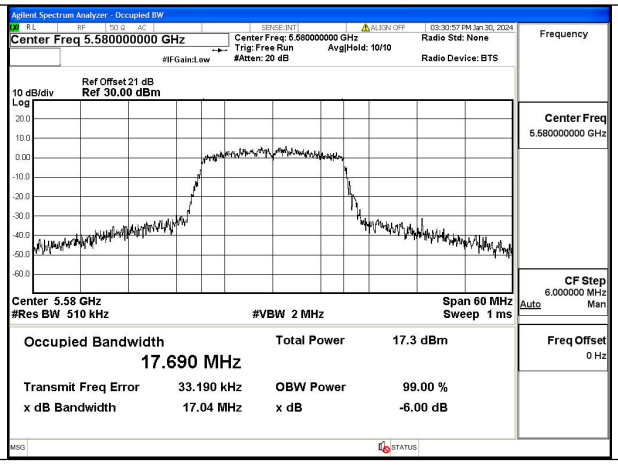


Mode:802.11a Frequency:5700MHz Ant:Chain1

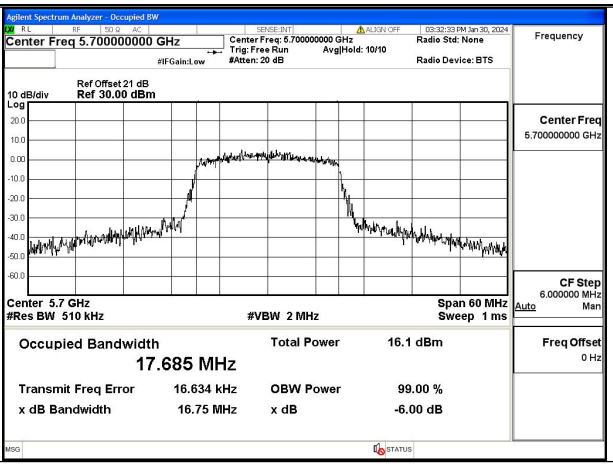
Test Mode: 802.11n HT20



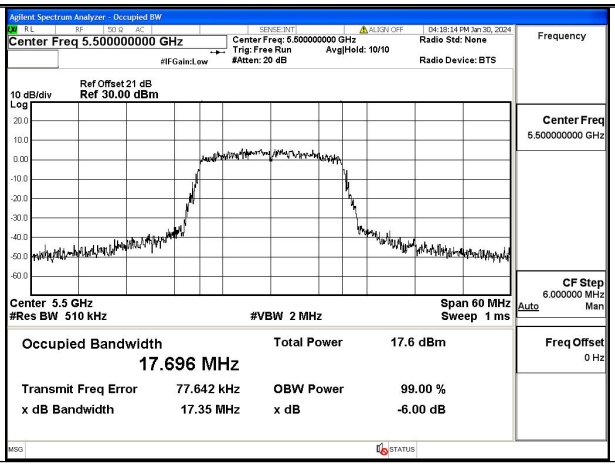
Mode:802.11n HT20 Frequency:5500MHz Ant:Chain0



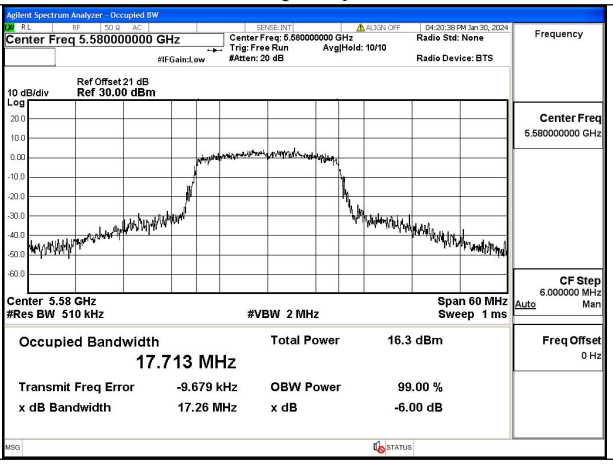
Mode:802.11n HT20 Frequency:5580MHz Ant:Chain0



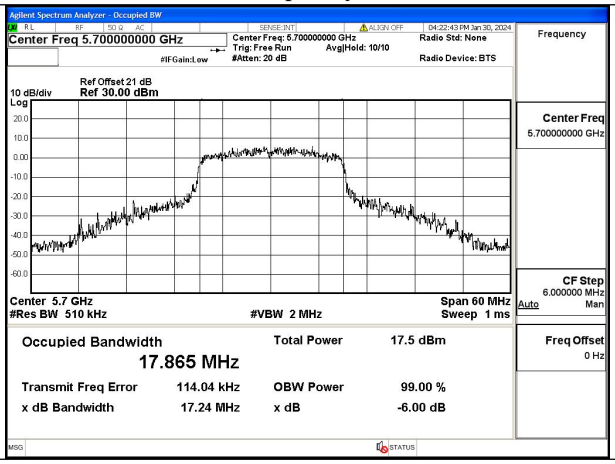
Mode:802.11n HT20 Frequency:5700MHz Ant:Chain0



Mode:802.11n HT20 Frequency:5500MHz Ant:Chain1

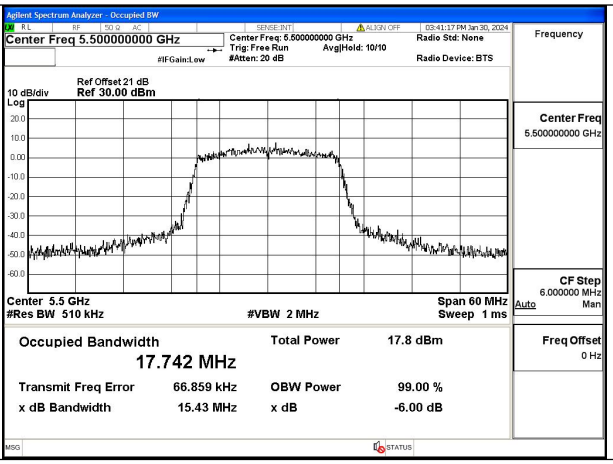


Mode:802.11n HT20 Frequency:5580MHz Ant:Chain1

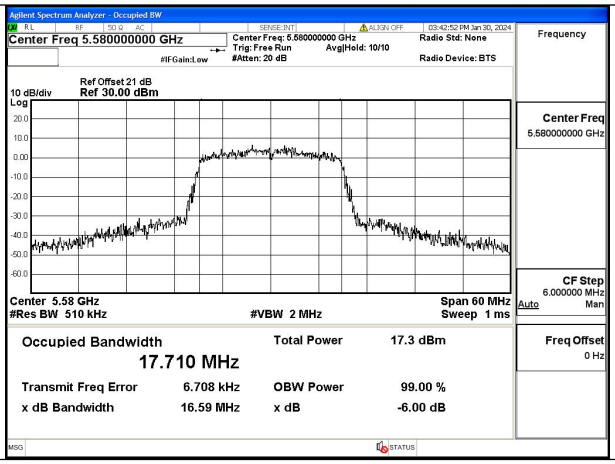


Mode:802.11n HT20 Frequency:5700MHz Ant:Chain1

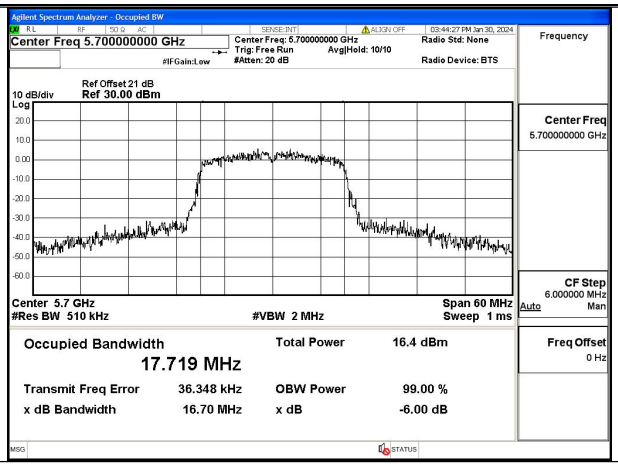
Test Mode: 802.11ac VHT20



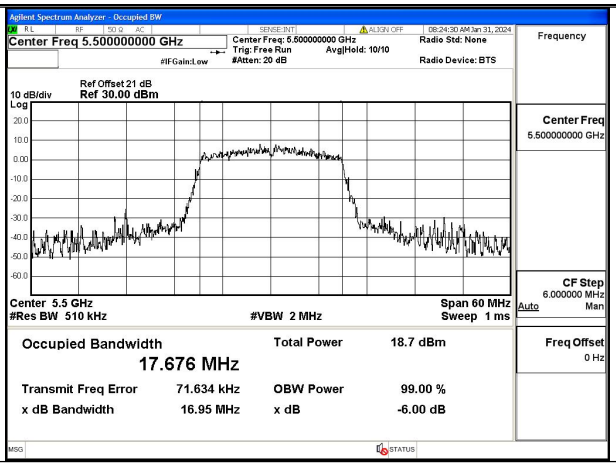
Mode:802.11ac VHT20 Frequency:5500MHz Ant:Chain0



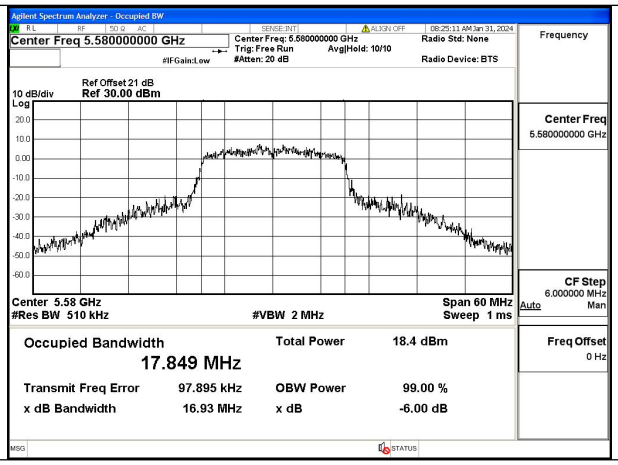
Mode:802.11ac VHT20 Frequency:5580MHz Ant:Chain0



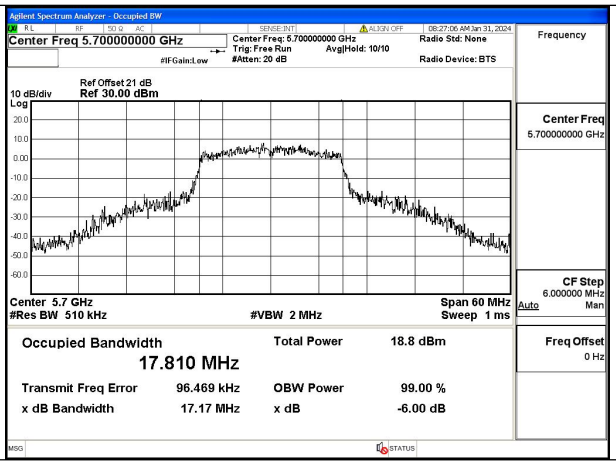
Mode:802.11ac VHT20 Frequency:5700MHz
Ant:Chain0



Mode:802.11ac VHT20 Frequency:5500MHz
Ant:Chain1

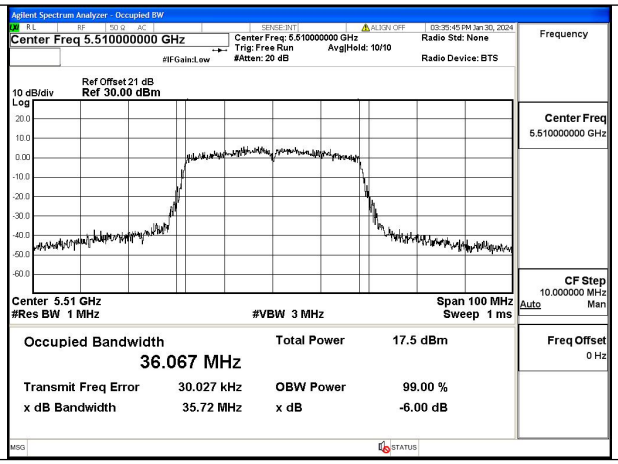


Mode:802.11ac VHT20 Frequency:5580MHz
Ant:Chain1

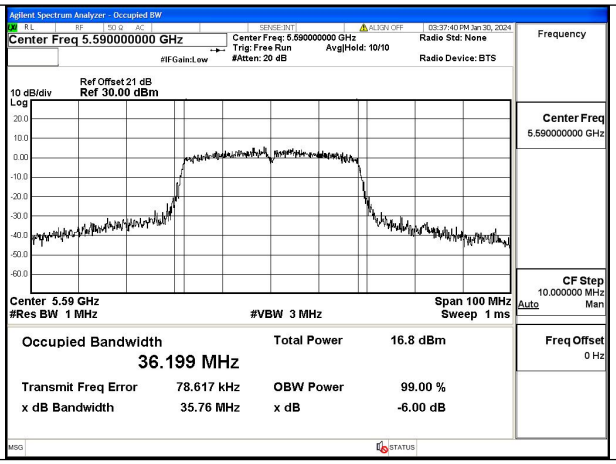


Mode:802.11ac VHT20 Frequency:5700MHz
Ant:Chain1

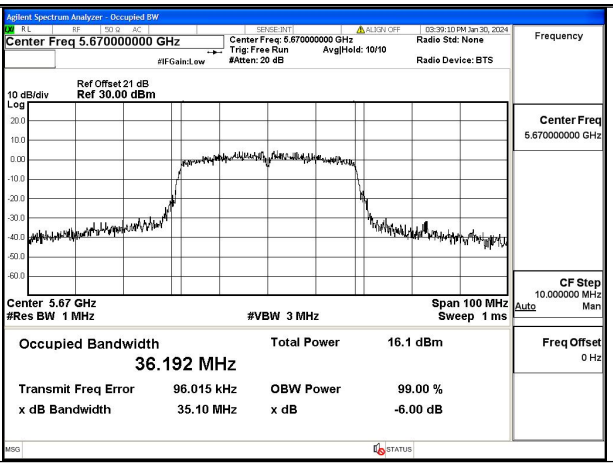
Test Mode: 802.11n HT40



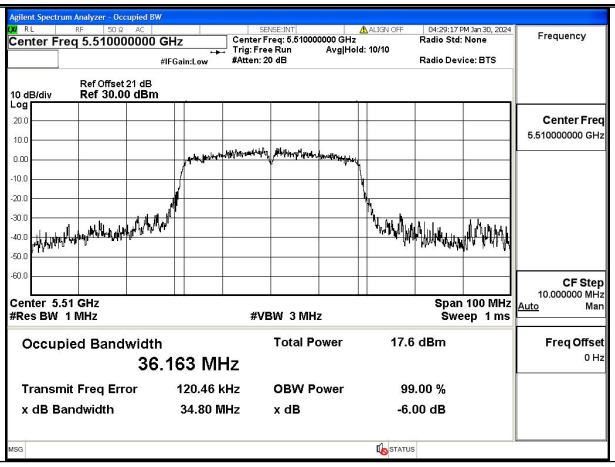
Mode:802.11n HT40 Frequency:5510MHz Ant:Chain0



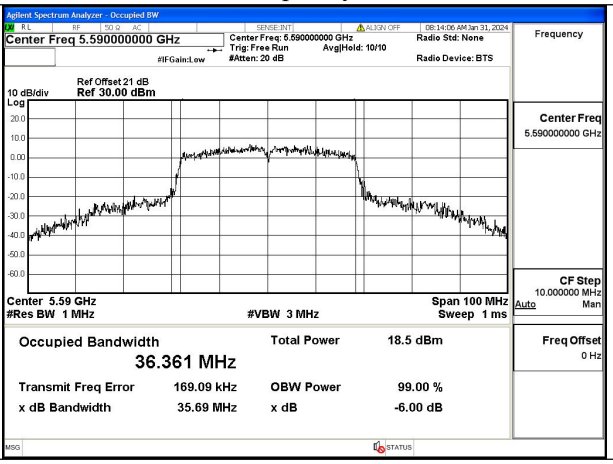
Mode:802.11n HT40 Frequency:5590MHz Ant:Chain0



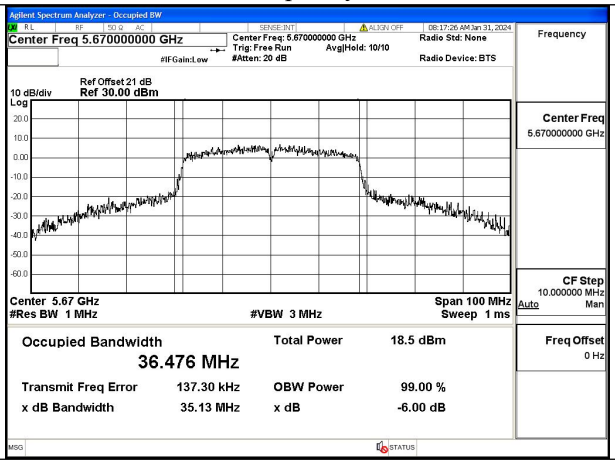
Mode:802.11n HT40 Frequency:5670MHz Ant:Chain0



Mode:802.11n HT40 Frequency:5510MHz Ant:Chain1

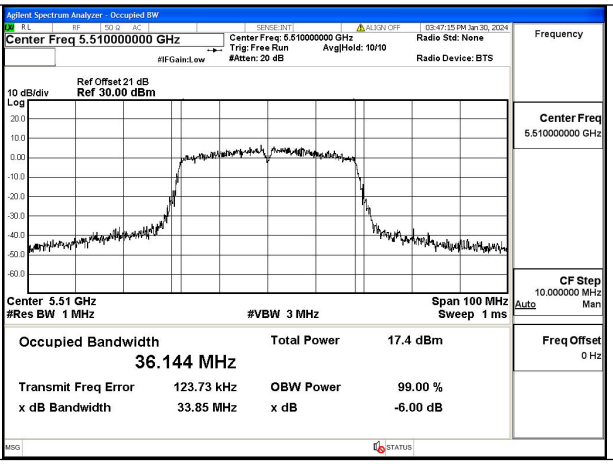


Mode:802.11n HT40 Frequency:5590MHz Ant:Chain1

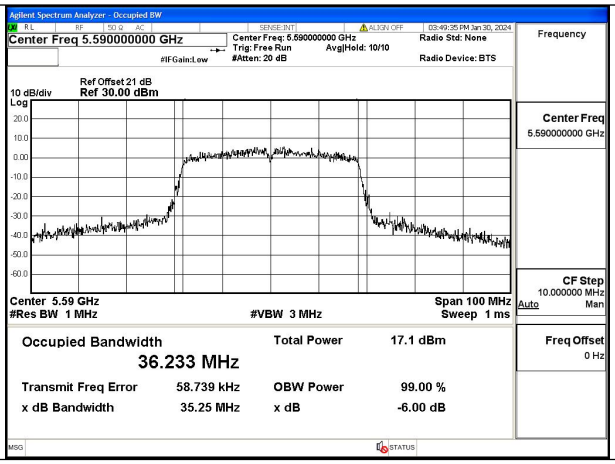


Mode:802.11n HT40 Frequency:5670MHz Ant:Chain1

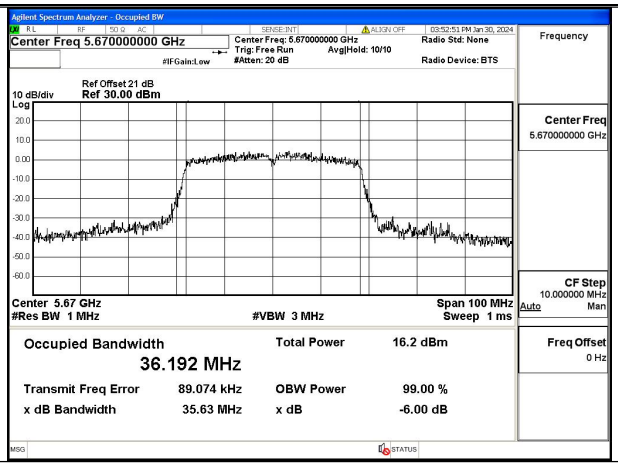
Test Mode: 802.11ac VHT40



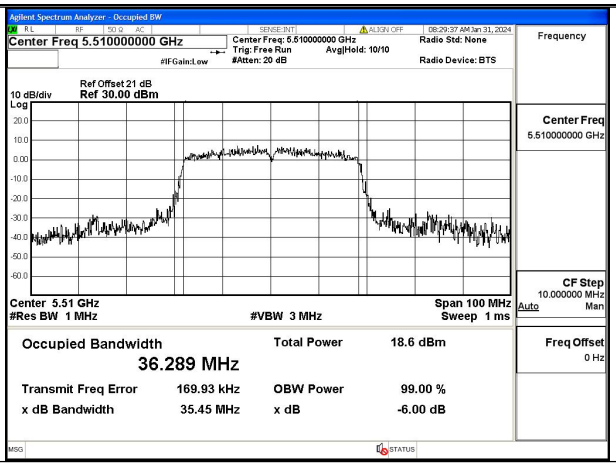
Mode:802.11ac VHT40 Frequency:5510MHz Ant:Chain0



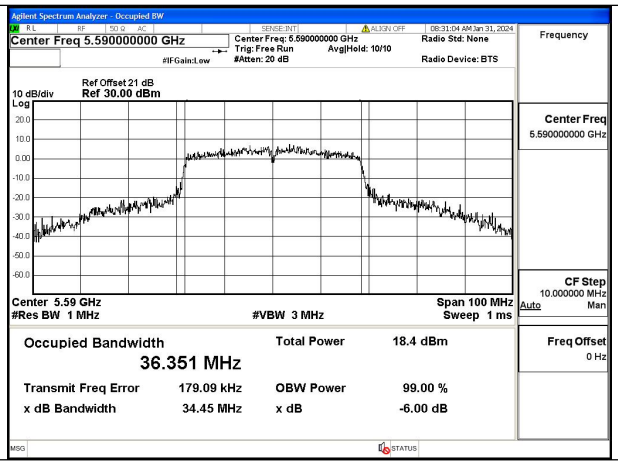
Mode:802.11ac VHT40 Frequency:5590MHz Ant:Chain0



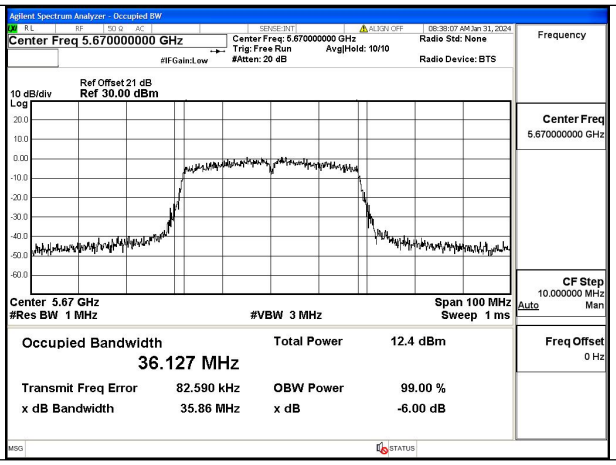
Mode:802.11ac VHT40 Frequency:5670MHz
Ant:Chain0



Mode:802.11ac VHT40 Frequency:5510MHz
Ant:Chain1

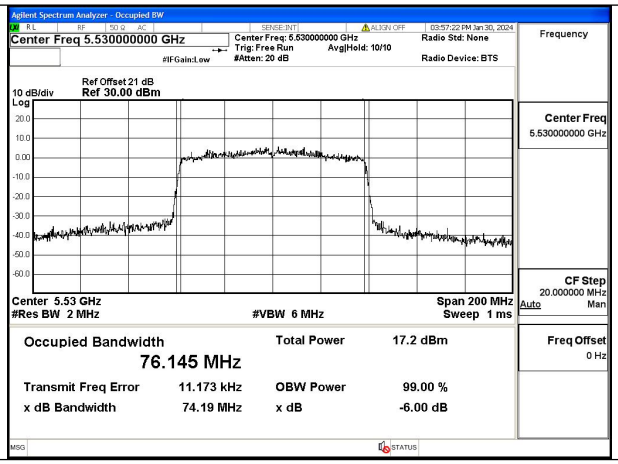


Mode:802.11ac VHT40 Frequency:5590MHz
Ant:Chain1

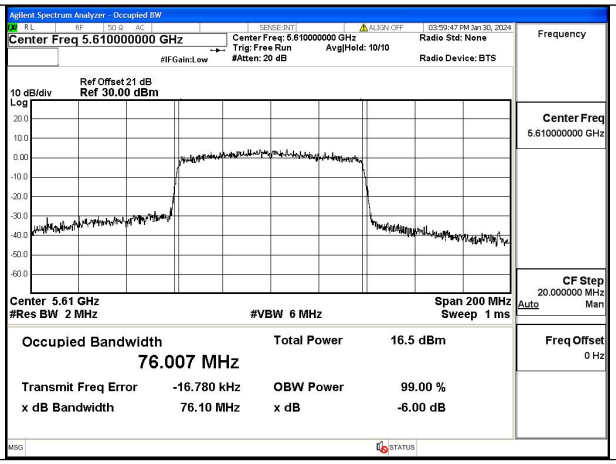


Mode:802.11ac VHT40 Frequency:5670MHz
Ant:Chain1

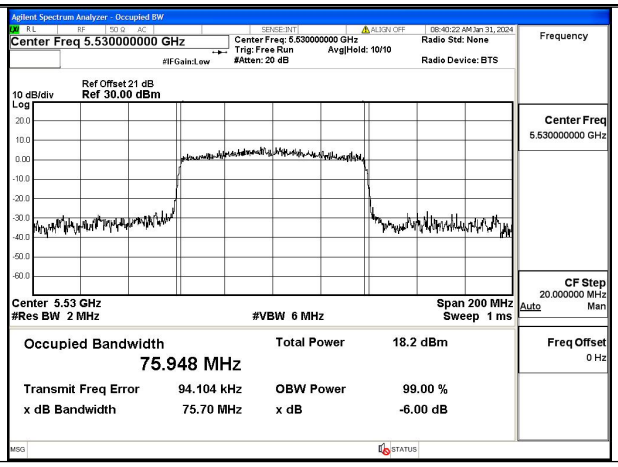
Test Mode: 802.11ac VHT80



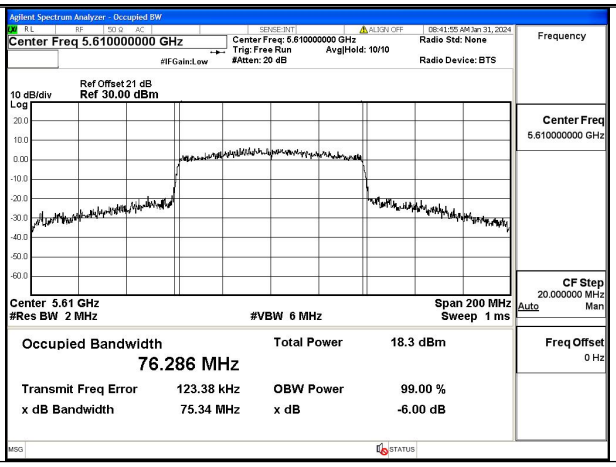
Mode:802.11ac VHT80 Frequency:5530MHz
Ant:Chain0



Mode:802.11ac VHT80 Frequency:5610MHz
Ant:Chain0



Mode:802.11ac VHT80 Frequency:5530MHz
Ant:Chain1



Mode:802.11ac VHT80 Frequency:5610MHz
Ant:Chain1

Transmitter Power Spectral Density

Offset 21dB = Attenuator + Temporary antenna connector loss + Cable loss

Test Mode	Antenna	Tones	5500MHz		5580MHz		5700MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11a	Chain0	NA	0	5.377	0	4.510	0	3.420
802.11a	Chain1	NA	0	5.300	0	4.691	0	3.573
802.11n HT20	Chain0	NA	0	3.861	0	3.115	0	2.160
802.11n HT20	Chain1	NA	0	3.774	0	2.445	0	3.419
802.11n HT20	MIMO	NA	0	6.828	0	5.803	0	5.845
802.11ac VHT20	Chain0	NA	0	3.825	0	3.283	0	2.305
802.11ac VHT20	Chain1	NA	0	4.975	0	4.619	0	4.760
802.11ac VHT20	MIMO	NA	0	7.448	0	7.012	0	6.714

Test Mode	Antenna	Tones	5510MHz		5590MHz		5670MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11n HT40	Chain0	NA	0	0.600	0	0.022	0	-0.633
802.11n HT40	Chain1	NA	0	0.777	0	0.409	0	0.603
802.11n HT40	MIMO	NA	0	3.700	0	3.230	0	3.039
802.11ac VHT40	Chain0	NA	0	0.664	0	0.220	0	-0.498
802.11ac VHT40	Chain1	NA	0	2.152	0	1.769	0	1.986
802.11ac VHT40	MIMO	NA	0	4.482	0	4.073	0	3.930

Test Mode	Antenna	Tones	5530MHz		---		5610MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11ac VHT80	Chain0	NA	0	-2.676	---	---	0	-3.038
802.11ac VHT80	Chain1	NA	0	-1.368	---	---	0	-1.526
802.11ac VHT80	MIMO	NA	0	1.037	---	---	0	0.794